

CLAIMS

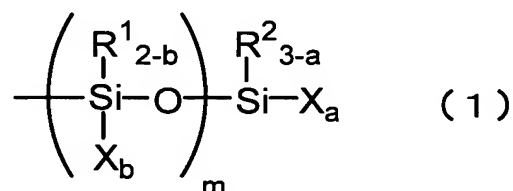
1. A one-part curable composition, comprising:

(A) an organic polymer having a silicon-containing group capable of cross-linking by forming siloxane bonds;

(B) a metal carboxylate; and

(C) a carboxylic acid smaller in molar quantity than said (B) component metal carboxylate.

2. The one-part curable composition according to claim 1, in which the (A) component organic polymer has a number average molecular weight falling within a range from 500 to 50,000, and has on average, at the terminal of the main chain and/or the side chains, one or more silicon-containing groups per one molecule represented by the general formula (1):



where R^1 and R^2 are each independently an alkyl group having 1 to 20 carbon atoms, an aryl group having 6 to 20 carbon atoms, an aralkyl group having 7 to 20 carbon atoms or a triorganosiloxy group represented by $(R')_3\text{SiO-}$ (R' 's are each independently a substituted or a non-substituted hydrocarbon group having 1 to 20 carbon atoms); X s are each independently a hydroxy or a hydrolyzable group; a is any one of 0, 1, 2, and 3, b is any one of 0, 1, and 2, and a and b are not to be 0 simultaneously; and m is 0 or an integer of 1 to 19.

3. The one-part curable composition according to claim 2, in which X is an alkoxy group.

4. The one-part curable composition according to any one of claims 1 to 3, in which the (A) component organic polymer is one or more polymers selected from the group consisting of a polyoxyalkylene polymer, a saturated hydrocarbon polymer, and a (meth)acrylate polymer.
5. The one-part curable composition according to claim 4, in which the polyoxyalkylene polymer is a polyoxypropylene polymer.
6. The one-part curable composition according to any one of claims 1 to 5, in which the (B) component is a tin carboxylate.
7. The one-part curable composition according to claim 6, in which the (B) component is a divalent tin carboxylate.
8. The one-part curable composition according to any one of claims 1 to 7, in which the (B) component is a metal carboxylate in which the carbon atom adjacent to the carbonyl group constituting the carboxylic acid is a quaternary carbon atom.
9. The one-part curable composition according to any one of claims 1 to 8, in which the (C) component is a fatty acid.
10. The one-part curable composition according to claim 9, in which the (C) component is a carboxylic acid in which the carbon atom adjacent to the carbonyl group is a quaternary carbon atom.
11. The one-part curable composition according to any one of claims 1 to 10, comprising the (B) component in a content of 0.01 to 20 parts by weight and the (C) component smaller in molar quantity than the (B) component and in a content of 0.01 to 20 parts by weight in relation to 100 parts by weight of

the (A) component.

12. The one-part curable composition according to any one of claims 1 to 11, further comprising an amine compound as the (D) component.

13. The one-part curable composition according to claim 12, in which the (D) component amine compound is a primary amine.

14. The one-part curable composition according to claim 12 or 13, in which the (D) component amine compound is an amine compound containing as a substituent a hydrocarbon group containing at least one hetero atom.

15. The one-part curable composition according to claim 14, in which the (D) component amine compound is an amine compound containing a hydrocarbon group having a hetero atom at the carbon atom of at least one position of positions 2 to 4.

16. The one-part curable composition according to any one of claims 12 to 15, comprising 0.01 to 20 parts by weight of the (D) component in relation to 100 parts by weight of the (A) component.

17. An adhesive for interior panel, an adhesive for exterior panel, an adhesive for tiling, an adhesive for stone tiling, an adhesive for finishing ceiling, an adhesive for finishing floor, an adhesive for finishing wall, an adhesive for vehicle panel, an adhesive for assembling electric, electronic and precision instruments, a sealant for direct glazing, a sealant for double glazing, a sealant for the SSG technique or a sealant for working joints of buildings, each comprising the one-part curable composition according to any one of claims 1 to 16.